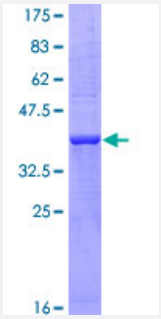
SCARB2 (Human) Recombinant Protein (Q01)

Catalog # H00000950-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SCARB2 partial ORF (NP_005497, 339 a.a. - 437 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	FPHFYQADERFVSAIEGMHPNQEDHETFVDINPLTGIILKAAKRFQINIYVKKLDDFVETGDIRTMVF PVMYLNESVHIDKETASRLKSMINTTLIITN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SCARB2

Entrez GeneID	950
GeneBank Accession#	NM_005506
Protein Accession#	NP_005497
Gene Name	SCARB2
Gene Alias	AMRF, CD36L2, HLGP85, LIMPII, SR-BII
Gene Description	scavenger receptor class B, member 2
Omim ID	602257
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a type III glycoprotein that is located primarily in limiting mem branes of lysosomes and endosomes. Studies of the similar protein in mice and rat suggested th at this protein may participate in membrane transportation and the reorganization of endosomal/ly sosomal compartment. Deficiency of the similar protein in mice was reported to impair cell memb rane transport processes and cause pelvic junction obstruction, deafness, and peripheral neuropa thy. [provided by RefSeq
Other Designations	85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2|CD36 antigen (collag en type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II)|lysos omal integral membrane protein II

Pathway

- Lysosome

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Drug Toxicity
- Edema
- Hypercholesterolemia